

CLAIMS:

1. A silicone rubber adhesive composition comprising
(A) 100 parts by weight of a heat curable
5 organopolysiloxane composition,
(B) 1 to 100 parts by weight of reinforcing silica
fines,
(C) 0.1 to 50 parts by weight of an adhesive agent,
and
10 (D) 0.05 to 20 parts by weight of an organosilicon
compound having a functional group reactive with component
(A) and a siloxane skeleton incompatible with component (A).
2. The composition of claim 1 wherein the heat curable
15 organopolysiloxane composition (A) is an addition curing
type organopolysiloxane composition.
3. The composition of claim 1 wherein the heat curable
organopolysiloxane composition (A) is an organic peroxide
20 curing type organopolysiloxane composition.
4. The composition of claim 1 wherein the adhesive agent
(C) is an organic compound or organosilicon compound
containing in a molecule at least one group selected from
25 the class consisting of Si-H, alkenyl, acrylic, methacrylic,
epoxy, alkoxysilyl, ester, carboxy anhydride, amino and
amide groups, or a mixture thereof.
5. The composition of claim 1 wherein the adhesive agent
30 (C) is an organosilicon compound containing in a molecule at
least one group selected from Si-H and alkenyl groups and at
least one group selected from the class consisting of
acrylic, methacrylic, epoxy, alkoxysilyl, ester, carboxy
anhydride, amino and amide groups, or a mixture thereof.
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6. The composition of claim 1 wherein the adhesive agent
(C) is an organosilicon compound of 1 to 30 silicon atoms

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containing in a molecule at least one Si-H group and at least one phenyl or phenylene skeleton.

7. The composition of claim 1 wherein the organosilicon
5 compound (D) is an organopolysiloxane in which at least one
of entire substituents bound to silicon atoms in its
siloxane skeleton is a reactive functional group capable of
crosslinking reaction with a polysiloxane component
constituting the organopolysiloxane composition (A) and the
10 remaining groups bound to silicon atoms are substituted or
unsubstituted monovalent hydrocarbon groups other than said
reactive functional group.

8. The composition of claim 7 wherein in the
15 organopolysiloxane as component (D), at least one of the
entire substituents bound to silicon atoms in its siloxane
skeleton is an alkenyl group or hydrogen atom bound to a
silicon atom and 1 to 90 mol% of the entire substituents are
phenyl and/or fluoroalkyl groups bound to silicon atoms.

20 9. An integrally molded article comprising the silicone
rubber adhesive composition of claim 1 in the cured state
and a thermoplastic resin.

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